

Plaintiffs' Supplemental Expert Reports—July 2008 through March 2009

Expert & Subject	Date(s)	Volume and Nature	Related Information
Cooke, G.D (Eutrophication of Lake Tenkiller)	Aug. 1 , 2008	4 pages (new revised tables, increases “period of record” analyzed for violations at several utilities and locations)	States that Dr. Engel’s errata “has no effect on our Report” but submitted a second errata based on changes in Dr. Wells’ second errata, which was in turn based on Dr. Engel’s errata
	Sept. 30 (dated Sept. 26), 2008	2 pages (appears to change trophic state conclusions)	
	Nov. 25, 2008	20 pages (supplement to report)	
Engel, Bernard (Fate & Transport)	Sept. 4, 2008	49 pages (new data, new model, changed results for P loads during 1997-2006 base period and all scenarios, both historic and future; changed virtually all numbers in original report)	Errata revealed original report had been based on “erroneous data” because of miscommunication between Dr. Engel and his assistant Had cascade effect on reports of Drs. Wells, Stevenson, Cooke, and Welch
	Oct. 17, 2008	4 pages (modified tables and appendices)	
Fisher, J. Berton (Fate & Transport)	Sept. 3, 2008	3 pages (rewriting Opinion 18)	Errata presented at and after deposition
	Sept. 18, 2008	33 pages (changed ratios supporting Opinion 18, adjusted many concentrations in ratio analysis to reflect “dry weight” rather than “wet weight” concentrations)	
Johnson, Gordon (Land Application of Litter as “Disposal” in IRW)	Aug. 18, 2008	New depletion model, with multiple spreadsheets and thousands of data points	Emailed new P depletion model day before deposition. Acknowledged in deposition that he had data for new model before he issued his original report, and had completed the new model more than a month before he delivered it

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Olsen, Roger (Integrating Expert; Fate & Transport)	July 25, 2008	11 pages (changed report on sampling program and PCA fingerprint analysis, new text, and replaced tables, and charts)	Acknowledged that in first errata, “[s]ix sentences were added to correct omissions that resulted in an incomplete explanation of my waste comparison methods”
	Sept. 30 (dated Sept. 24), 2008	16 pages (several areas of revision, including spreadsheet regarding USGS highflow data)	
	Feb. 10, 2009	13 pages (corrected figures and tables and some text from report)	
Stevenson, Jan (Integrating Expert; Fate & Transport)	Aug. 5, 2008	50 pages (increased P concentrations in several scenarios, reverses relative total P concentrations in two scenarios)	Changed method used to reach conclusions from linear regression method in original report to method using long-term averages of total phosphorus (TP) concentrations, admitting that he “mistakenly used the regression analysis”
	Sept. 30 (dated Sept. 26), 2008	12 pages (altered % changes for many scenarios from first errata)	
Welch, E.B. (Ecological Health of Lake Tenkiller)	July 25, 2008	2 pages (minor changes)	Acknowledged that errata included conclusions based on statistical analyses performed by others after report completed, and as prompted by defense counsels’ questioning during deposition
	Aug. 13, 2008	7 pages (new Appendix D, trophic state data for 18 additional dates in years 2001-04)	
Wells, Scott (Water Quality and Hydrodynamic Modeling of Tenkiller Reservoir)	Aug. 26, 2008	118 pages (7 modeling runs, 157 revised figures & 17 tables involving tens of thousands of underlying data points)	Acknowledged that revised model simulations in second errata “resulted in somewhat more noticeable changes in the modeling results”
	Sept. 30 (dated Sept. 22), 2008	122 pages (no distinction between report, new changes, and first errata changes; significantly modified report due to variations in model output between errata.)	Acknowledged that second errata used USGS chlorophyll <i>a</i> field data “inadvertently omitted” from the boundary conditions for Lake Tenkiller for the six 50-year scenarios previously presented